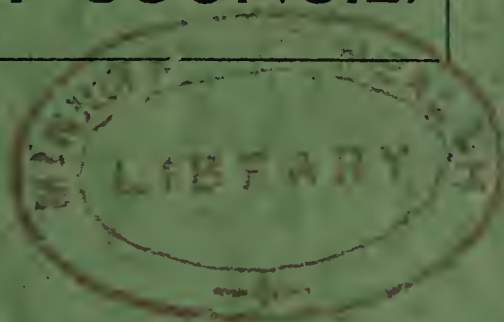
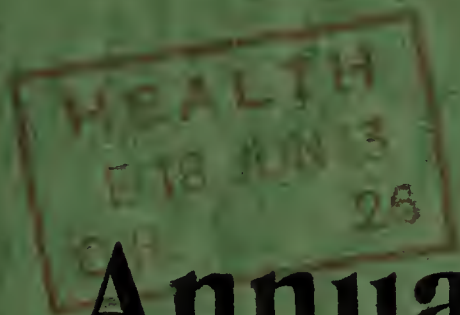


WHICKHAM  
URBAN DISTRICT COUNCIL.



# **Annual Report**

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OF THE  
**Medical Officer of Health,**  
FOR THE  
**YEAR ENDED DECEMBER, 1941.**

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SWALWELL,  
A. A. FLETCHER & SON, GENERAL PRINTERS, FOUNDRY LANE,  
1943.





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## Public Health Officers of the Authority.

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*Medical Officer of Health:-*

T. MORRISON CLAYTON, M.B., B.S., B.Hy., D.P.H.

• *Chief Sanitary Inspector:-*

G. GRAHAM DON, C.R.S.A. (Scot.), M.S.I.A.

*Clerk and Pupil Sanitary Inspector:-*

GEO. OXLEY.

PUBLIC HEALTH DEPARTMENT,  
COUNCIL OFFICES, WHICKHAM.

DECEMBER, 1942.

*To the Chairman and Members of the  
Whickham Urban District Council.*

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting my Third Annual Report, being that for the year 1941.

The work of your Health Department continues to function satisfactorily under stress of war time conditions. The work connected with Civil Defence has undergone no appreciable change since 1940, and much of your staff's time continues to be absorbed by such work.

With regard to Housing, the position has not altered materially since 1940, and the same difficulties regarding shortage of labour persist, and have, in fact, been accentuated.

The appreciable drop in unemployment is due, for the most part, to the transference of labour to nearby industry.

Concerning infectious diseases, the only noticeable increase during the year is that in Measles.

In deference to a previous request, the graph relating to infantile mortality has been extended to include a further period of 5 years, and shows even more clearly the gratifying downward trend in the past 25 years.

Diphtheria immunisation was instituted in the district in March, and met with a ready response from parents. It will, however, take some years before the full benefits become apparent.

Statistical tables are appended including extracts from those of the Registrar General.

I would record my grateful appreciation of the co-operation and helpfulness extended by members of the Health Department throughout the year. My thanks are also due to the Surveyor, Rating Department, Nursing Association, and to the Manager of the Dunston Labour Exchange for various items of information included in this report.

I am, Ladies and Gentlemen,

Your obedient servant,

T. MORRISON CLAYTON,

M.B., B.S., B.HY., D.P.H.,

Medical Officer of Health.

# Medical Officer's Annual Report.

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## Statistics.

- 1—Area - in acres - 6,229.
- 2—Population - 1931 Census - 20,750.  
The Registrar General's estimate of population for mid-1941 is 21,350.
- 3—Number of inhabited houses at the end of 1941, according to the rate book - 6,200.
- 4—Rateable Value - December, 1941 - £158,102.
- 5—Sum represented by a 1d. Rate - £620.

## Social Conditions and Physical Features of the Area.

The Whickham Urban District is situated in the North-west of Durham County, and consists of four Wards, namely, Dunston, Swalwell, Whickham and Marley Hill. The district is bounded to the north by the River Tyne; to the west by the River Derwent; to the east by the County Borough of Gateshead and the Chester-le-Street Rural District; and to the south by the Stanley Urban District.

The District is divided into four Wards.

- 1—DUNSTON. This Ward represents the largest proportion of the population of the district, and while it was at one time chiefly industrial, it is becoming more residential, due to the amount of building that has been undertaken during the past few years. The industries include Heavy Industries, Flour Mills, Soap Works, Shipping, and the Power Station.
- 2—SWALWELL. This Ward is largely industrial, chiefly Coal mining, Brickworks and Ironworks.



3—WHICKHAM (including Sunnyside). This Ward is mainly rural, and though residential for the greater part, is partly industrial, including Coal mining.

4—MARLEY HILL. This Ward is very scattered, and essentially rural. Coal mining is the chief industry.

There has not been any alteration in the boundaries of the Urban District during 1941.

### **Unemployment.**

Unemployment has shown a considerable decrease, due no doubt, to the need for increased production in local industry consequent upon the war.

I append figures supplied by Mr. MacDonald, of the Dunston Labour Exchange, showing the position in preceding years:-

1935 - 1301	1938 - 800	1941 - 50
1936 - 1001	1939 - 517	
1937 - 650	1940 - 300	

I am informed that of the 50 persons unemployed at the end of 1941, almost all suffered from some physical defect, which severely limited their prospects of obtaining employment.

### **Extracts from the Vital Statistics for the Year.**

#### **Births.**

The total number of births registered during 1941 was 330, of which 166 were male and 164 were female, and of the above total 12 were illegitimate. The natural increase of the population of the area (i.e. the excess of births over deaths) was 57. Of 14 still births registered, all were legitimate.

For comparative purposes, I append the 1940 figures:-

No. of live births	...	354 (192 M., 162 F.)
No. of illegitimate births		11
No. of still births	...	11.

The birth rate for the year was 15·45 (16·40 for 1940). This compares favourably with the birth rate for England and Wales at 14·2, and is lower than the administrative County of Durham at 16·92.

### **Infantile Mortality.**

There were 19 infantile deaths recorded (14 male and 5 female), giving an infantile mortality rate of 55·23. This compares favourably with the rate for England and Wales at 59, and for the administrative County of Durham at 75.

### **Maternal Mortality.**

Two maternal deaths were recorded during the year, giving a maternal mortality rate of 5·81 per 1000 live and still births. The figure for 1940 was 2·85.

The figure for England and Wales 2·23 (England and Wales, 1940 - 2·16)

The figure for Durham County, 1941, is 3·79 (Durham County, 1940 - 3·32)

This figure shews an increase over that of last year, due entirely to an increase of one death.

### **Deaths.**

The total number of deaths during 1941 was 273, of which 148 were male and 125 were female, giving an annual death rate of 12·78 per 1,000 population. The 1940 death rate was 11·67.

Death rate for England and Wales = 12·9 per 1,000

Death rate for Durham County = 12·63 per 1,000

The chief causes of death were as follows:-

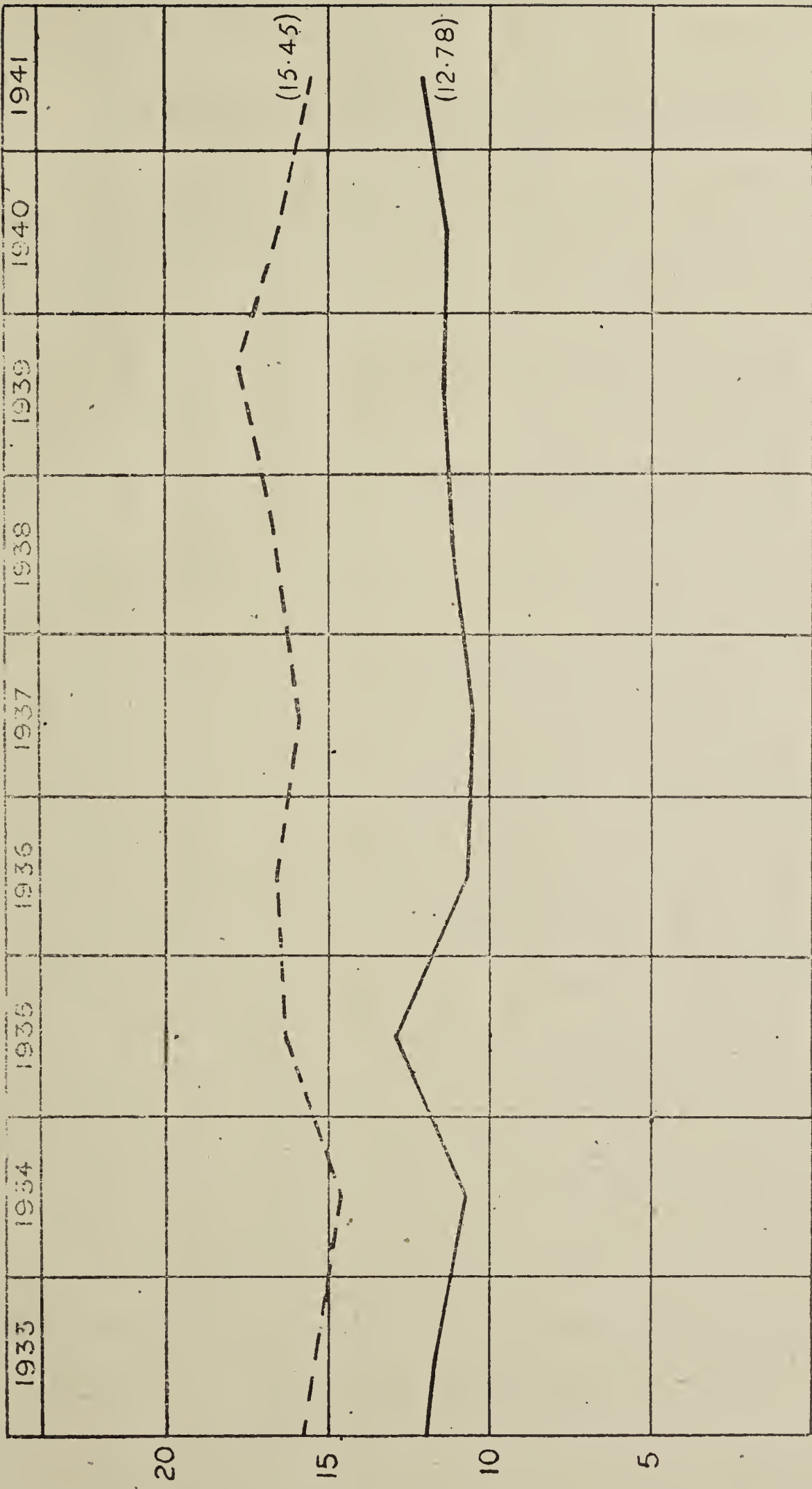
Heart disease 56; Other circulatory diseases 26;

Cancer 37; Intra-cranial vascular lesions 23;

Respiratory diseases 35.

The graph on page 9 shews the birth and death rates from 1933 to 1941; and on page 11 a graph shewing the infantile mortality rate in Whickham area for the 25 years period, 1916 - 1941.

Graph shewing Birth and Death Rates in Whichham Area for 9 years - 1933 - 1941.



--- Births per 1,000 of the population.  
— Deaths per 1,000 of the population.

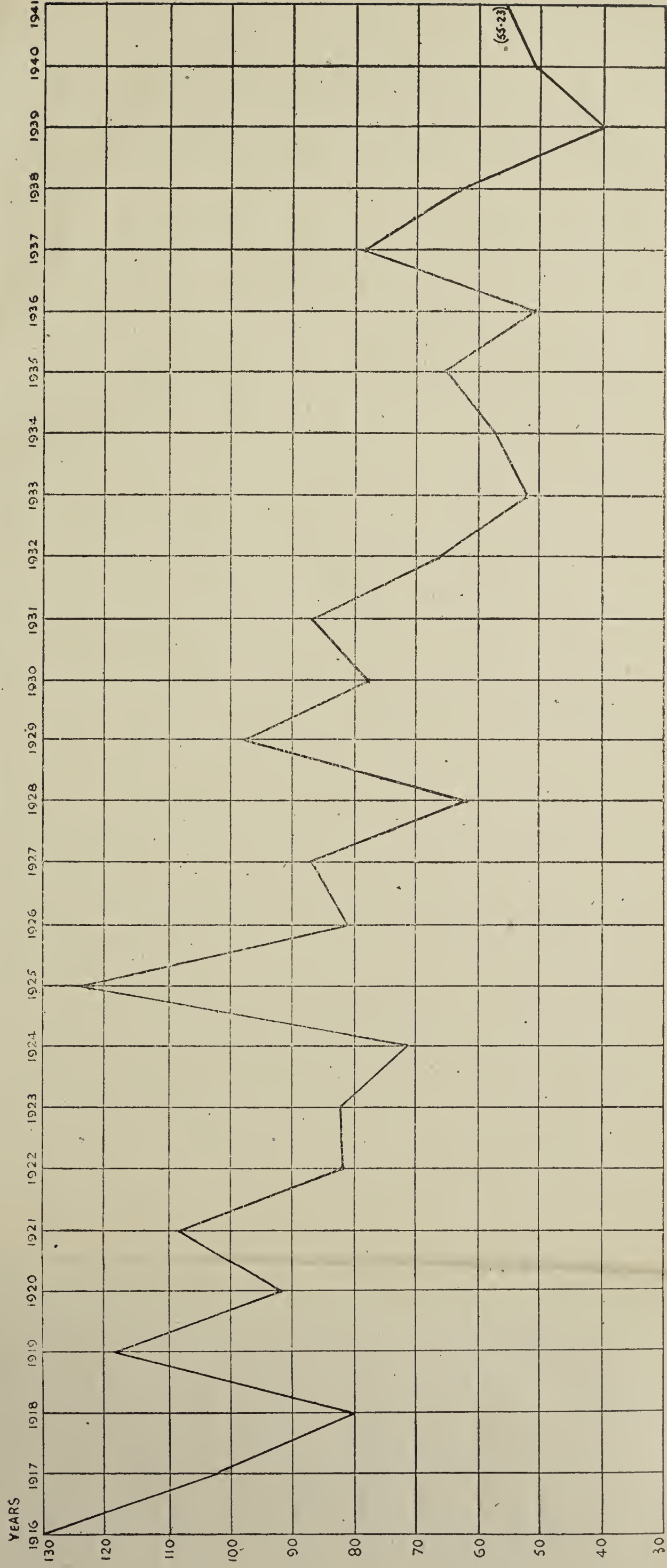
**THE REGISTRAR GENERAL'S SHORT LIST OF CAUSES OF  
DEATH DURING 1941.**

CAUSES OF DEATH			MALES	FEMALES
1	Enteric (including Paratyphoid)...	...	—	—
2	Cerebro Spinal Fever...	...	—	—
3	Scarlet Fever	...	—	—
4	Whooping Cough	...	1	1
5	Diphtheria	...	2	3
6	Tuberculosis of respiratory system	...	9	6
7	Other forms of Tuberculosis	...	4	—
8	Syphilitic diseases	...	—	—
9	Influenza	...	3	1
10	Measles	...	—	—
11	Acute Poliomyelitis	...	—	—
12	Acute Encephalitis	...	—	—
13	Cancer of C. Cav.	...	—	1
14	Cancer of Stomach & Duodenum	...	8	7
15	Cancer of Breast	...	—	3
16	Cancer of all other sites	...	10	8
17	Diabetes	...	2	—
18	Inter-Cranial Vascular Lesions...	...	9	13
19	Heart Diseases	...	23	33
20	Other Diseases of Circulatory System	...	15	11
21	Bronchitis	...	15	5
22	Pneumonia (all forms)	...	6	5
23	Other Respiratory diseases	...	2	2
24	Ulcer of Stomach & Duodenum...	...	2	1
25	Diarrhoea, etc (under 2 years)	...	1	—
26	Appendicitis	...	—	1
27	Other digestive diseases	...	4	6
28	Nephritis	...	3	2
29	Puerperal and Post Abortive Sepsis	...	—	1
30	Other Maternal causes	...	—	1
31	Premature Birth	...	1	—
32	Congenital Malformations, etc.	...	3	3
33	Suicide	...	1	1
34	Road Traffic Accidents	...	2	—
35	Other Violent Causes	...	7	4
36	All other causes	...	15	6
ALL CAUSES			148	125

**Total Number of Deaths - 273.**



Graph shewing the Infantile Mortality Rate in the Wickham Area since 1916.





### Laboratory Facilities.

All specimens for bacteriological examination are sent to the Public Health Department of King's College, Newcastle-upon-Tyne, with which the Durham County Council has an agreement.

The majority of such specimens are examined free of cost to both practitioners and patients.

155 specimens were examined during 1941.

#### Bacteriological Examinations from Whickham District, 1941.

ENTERIC FEVER.				DIPHThERIA			TUBERCULOSIS		TUBERCULOSIS X		* MISCELL- ANEous			TOTALS		
Serological Exams.																
Positive		Negative	Inconclusive													
Typh- osus	Para- typh- osus B.			P	N	I	P	N	P	N	P	N	I	P	N	I
—	—	5	—	22	48	1	3	30	9	26	1	10	-	35	114	1

P - Positive.

N - Negative.

I - Inconclusive.

X These are Tuberculosis specimens taken at County Dispensaries, Hospitals and Sanatoria.

\* This section comprises examinations for Brucella Abortus, Haemolytic Streptococci, Enteric Groups, Diphtheria Virulence and Diphtheria direct swab, which have been specially approved by the County Medical Officer.

### Ambulance Facilities.

The Council provides an ambulance for the conveyance of non-infectious cases.

The Conjoint Hospital Committee for Blaydon, Ryton and Whickham provides an ambulance for the transport of infectious cases.

### Nursing in the Home.

District Nursing throughout the Whickham area is carried on most efficiently by Queen's Nurses, appointed by the Whickham & District Nursing Association, a body maintained

by voluntary effort. Subscriptions are made by the majority of workmen, who allow deductions from their wages. Generous donations are given by the many well-wishers in the district,

### Record of Nursing Work, 1941.42.

	Dunston	Whickham	Swalwell	Marley Hill and Sunniside	Total
On books, April 1st, 1941 ...	9	18	11	7	45
New Cases, Medical ...	46	48	28	24	146
„ „ Surgical ...	92	96	74	66	328
Cases Nursed ...	147	162	112	99	520
„ Convalescent ...	106	131	84	72	393
„ Sent to Hospital ...	13	7	4	—	24
„ Died ...	11	11	12	10	49
Total Number of Visits ...	2454	2401	2124	1562	8541
On books, March 31st, 1942	12	13	11	12	48

### Treatment Centres and Clinics.

Facilities for the treatment of minor ailments in school children, together with Sun-ray, Maternity and Child Welfare, and Dental treatment are made available by Durham County Council at various centres within the area.

### Hospital Provision.

(a) **Infectious Diseases.** The Conjoint Infectious Diseases Hospital at Norman's Riding, Winlaton, serves the needs of the Whickham, Blaydon and Ryton areas.

In the event of smallpox occurring in the district, the Joint Hospital Committee has made provision for such cases to be treated at Howden Bank Hospital under the County Smallpox Scheme.

(b) **Tuberculosis.** Durham County Council has provided various sanatoria for the treatment of tuberculous cases throughout the county; the number of beds available for this purpose is 588. A tuberculosis dispensary is situated at Whickham.



(c) **General.** The Royal Victoria Infirmary, Newcastle, receives the greater proportion of medical and surgical cases from the Whickham district, and also provides a convalescent home for both males and females, which is situated on the western boundary of the Ryton Urban District. 100 beds are available. Provision for the treatment of surgical cases is also available at the Whickham & District War Memorial Cottage Hospital, 30 beds are available.

(d) **Midwifery and Gynaecology.** Of those midwifery and gynaecological cases sent to hospital, most of them find their way to the Princess Mary Maternity Hospital and to the Gynaecological Department of the Royal Victoria Infirmary, Newcastle.

(e) **Venereal Diseases.** The County Council has an arrangement whereby such cases are treated at the Venereal Diseases Clinic, City Hospital, Westgate Road, Newcastle upon Tyne.

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## **Sanitary circumstances of the Area.**

1—**Water Supply.** There were no extensions to the public water supply during 1941.

Part of the area is supplied by the Newcastle & Gateshead Water Co., and part by the Durham County Water Board. Both supplies are subject to periodical sampling for chemical analysis and bacteriological examination.

2—**Rivers and Streams.** No action taken.

3—**Closet Accommodation.** At the end of 1941, there were 6,380 water-closets and 179 ash-closets in the area. The following table shows the number of water-closets and ash-closets in the area during the past ten years:-

Years	Water Closets.	Ash Closets.
1932	4561	239
1933	4765	178
1934	5142	168
1935	5350	168
1936	5883	355
1937	6221	353
1938	6370	310
1939	6381	187
1940	6381	183
1941	6380	179

The increase in 1936 was due to the boundary extension.

Of the 179 ash-closets now remaining a number are used in connection with dwelling houses, which but for the war, would have been included in a slum clearance area, and will doubtless be so dealt with when such a course again becomes available.

The remainder, almost without exception, are situated in such remote parts of the area as are not yet served by a public sewer.

**4—Public Cleansing.** The following information relating to Public Cleansing has been supplied to me by the Council's Engineer and Surveyor:-

**Scavenging of Roads and Streets.**

The orderly truck system of cleansing still continues with satisfactory results, but owing to labour and war conditions the frequency of sweeping has had to be curtailed on some of the less important streets.

**Refuse Collection.**

100% of this service is executed by mechanical vehicles. Collection takes place once per week and more often in the case of business premises and butchering shops where required.

In addition, 368 tons of waste materials have been salvaged, which has resulted in an improved condition of the tips.

The number of tons collected per annum is 10,074, and the number of houses and other premises served is 6,000. The weight per 1,000 population per day is 27 cwts., and the method of disposal is by means of tipping.

### 5—Sanitary Inspection of the Area.

*SUMMARY of Work done in the Sanitary Inspector's Department during the year 1941 in the URBAN DISTRICT of WHICKHAM.*

1. PUBLIC HEALTH ACTS.				Number of Informal written notices by Inspector	Number of Formal Notices by order of Authority	Number of Nuisances abated after Notice	General Remarks
Dwelling-houses and Schools.	{ Foul Conditions Structural Defects Overcrowding ...			1		1	
				82		79	
Lodging-houses		...	...				
Dairies and Milkshops		...	...	1		1	
Cowsheds		...	...	12		12	
Bakehouses		...	...				
Slaughter-houses		...	...				
Ashpits and Privies		...	...				
Deposits of Refuse and Manure		...	...	3		3	
Waterclosets...		...	...	10		9	
Defective Yard Paving		...	...	2	2	2	
House Drainage	Defective Traps		...				
	No disconnection from sewers		...				
	Other Faults		...	28	3	26	
Water Supply		...	...	19	3	19	
Pigsties		...	...				
Animals Improperly Kept		...	...				
Offensive Trades		...	...				
Smoke Nuisances		...	...				
Other Nuisances		...	...	46		42	
Defective Dust Bins		...	...	17		16	
TOTALS				221	8	210	



# FACTORY ACT, 1937.

## 1—INSPECTIONS for purposes of provision as to health.

Including Inspections made by Sanitary Inspectors.

Premises.	NUMBER OF		
	Inspections	Written Notices.	Occupiers Prosecuted
FACTORIES with mechanical power .. ...	42	7	—
FACTORIES without mechanical power ... ..	19	4	—
*OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers' premises) ... ..	—	—	—
*Electrical Stations should be reckoned as factories. <span style="float: right;">TOTAL ...</span>	61	11	—

## 2 —DEFECT FOUND.

Particulars.	Number of Defects			Number of defects in respect of which Prosecutions were instituted
	Found,	Remedied	Referred to H.M. Inspector	
Want of Cleanliness (s. 1) ... ..	7	7		
Overcrowding (s. 2) ... ..	—	—		
Unreasonable temperature (s. 3) ... ..	—	—		
Inadequate ventilation (s. 4) .. ...	—	—		
Ineffective drainage of floors (s. 6)... ..	—	—		
Sanitary Conveniences (s. 7) { insufficient ... ..	1	1		
{ unsuitable or defective ... ..	6	6		
{ not separate for sexes ... ..	1	1		
Other offences ... ..	—	—		
(Not including offences relating to Home Work or offences under the sections mentioned in the schedule to the Ministry of Health (Factories & Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937)				
Total ...	15	15		



# OUTWORK IN UNWHOLESOME PREMISES,

(Section 108 of Act of 1901; Section III of Act of 1937)

NATURE OF WORK.	Instances	Notices served.	Prosecutions
Wearing Apparel—			
Making, etc., ...			
Cleaning and washing ...			
Household linen ...			
Lace, lace curtains and nets ...			
Curtains and furniture hangings ...			
Furniture and upholstery ...			
Electro-plate ...			
File making ...			
Brass and brass articles ...			
Fur pulling ...			
Cables and chains ...			
Anchors and Grapnels ...			
Cart gear ...			
Locks, latches and keys ...			
Umbrellas, &c. ...			
Artificial flowers ...			
Nets, other than wire nets ...	nil.	nil.	nil.
Tents ...			
Sacks ...			
Racquet and tennis balls ...			
Paper, etc., boxes, paper bags ...			
Brush making ...			
Pea picking ...			
Feather sorting ...			
Carding, &c., of buttons, &c. ...			
Stuffed toys ...			
Basket making ...			
Chocolates and sweetmeats ...			
Cosaques, Christmas crackers, Christmas stockings, etc. ...			
Textile weaving ...			
Lamp Shades ...			
Total ...	nil.	nil.	nil.

## Smoke Abatement.

No smoke observations were taken during 1941.

## Swimming Baths and Pools.

There are no Swimming Baths or Pools in the area.

### **Eradication of Bed Bugs.**

The following houses were found to be infested in varying degrees:-

Council Houses	...	2.
Other Houses	...	4,

The method of eradication is by spraying with "Zaldecide" an insecticide manufactured by Messrs Newton, Chambers & Co. A second spraying is done after a lapse of 10 - 14 days, in order to kill any bugs which may have hatched since the initial spraying.

This method is attended with a reasonable degree of success depending largely on the willingness of the tenant to co-operate in this work.

Disinfestation is carried out by a servant of the Council, under direction of this department.

### **Schools.**

No Public Elementary School was closed during 1941 to prevent the spread of infectious disease.

---

## **Housing.**

The housing shortage in the area is acute, and seems likely to deteriorate still further.

The demand for houses far exceeds the supply and in 1941 only 15 Council houses became vacant during the year.

While the movement of population prevents the compilation of reliable statistics regarding overcrowding, there is no doubt that it is on the increase, due largely to young couples continuing to live with their parents after marriage.

The following table shows the houses allocated during the year:-

Ward.	Bungalows	2 bedrooms	2 bedrooms Do'nstairs Flats	3 bedrooms	3 bedrooms Upstairs Flats	4 bedrooms	Total
Whickham ...	—	3	—	2	—	1	6
Dunston .	1	4	—	—	—	—	5
Marley Hill	—	1	—	1	—	—	2
Swalwell ...	—	1	—	1	—	—	2
Total ...	1	9	—	4	—	1	15

### Housing Statistics for 1941.

#### 1—Inspection of Dwelling Houses during the year.

1—(a) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts) ... 379

(b) Number of inspections made for the purpose ... 747

2—(a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations 1925 12

(b) Number of inspections made for the purpose ... 19

3—Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 9

4—Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... nil.

#### 2—Remedy of defects during the year without service of formal notices:-

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ... 143





**4—Housing Act, 1936 - Overcrowding.**

★a—(1) Number of dwellings overcrowded at the end of the year	...	...	...	...	...	—
(2) Number of families dwelling therein	...	...	...	...	...	—
(3) Number of persons dwelling therein	...	...	...	...	...	—

b—Number of new cases of overcrowding reported during the year ... .. nil.

c—(1) Number of cases of overcrowding relieved during the year ... .. 5

(2) Number of persons concerned in such cases ... 27

d—Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding ... .. none

★ Owing to the movement of population consequent upon the war, reliable figures are not available.

---

## **Inspection and Supervision of Food.**

### **Milk Supply.**

There are 19 milk producers in the area, of whom two hold licences to sell "accredited" milk.

The supervision of the milk supply continued to receive careful attention during the year. The shortage of labour, combined with lack of feeding stuffs and other difficulties consequent upon the war have given rise to some apprehension that the quality and purity of the milk supply may deteriorate. Every endeavour has been made to maintain the standard of supervision at pre-war level, and it will be seen from the accompanying table that the position is fairly satisfactory.

## METHYLENE BLUE AND COLIFORM TESTS.

Sample No.	Grade.	Methylene Blue	B. Coli.
1/41	Ordinary ...	Satisfactory ...	Absent
2/41	Ordinary ...	Satisfactory ...	Absent
3/41	Ordinary ...	Satisfactory ...	Absent
4/41	Ordinary ...	Satisfactory ...	Absent
5/41	Ordinary ...	Satisfactory ...	Absent
6/41	Ordinary ...	Satisfactory ...	Absent
7/41	Ordinary ...	Satisfactory ...	Absent
8/41	Accredited ...	Satisfactory ...	Absent
9/41	Ordinary ...	Satisfactory ...	Absent
10/41	Accredited ...	Satisfactory ...	Absent
11/41	Ordinary ...	Satisfactory ...	Absent
12/41	Ordinary ...	Satisfactory ...	Absent
13/41	Ordinary ...	Satisfactory ...	Absent
14/41	Pasteurised ...	Unsatisfactory	Present
15/41	Ordinary ...	Satisfactory ...	Absent
16/41	Ordinary ...	Satisfactory ...	Absent
17/41	Ordinary ...	Satisfactory ...	Absent
18/41	Ordinary ...	Unsatisfactory	Present
19/41	Ordinary ...	Satisfactory ...	Absent
20/41	Ordinary ...	Satisfactory ...	Absent
21/41	Ordinary ...	Satisfactory ...	Absent
22/41	Ordinary ...	Unsatisfactory	Present
23/41	Ordinary ...	Satisfactory ...	Absent
24/41	Ordinary ...	Unsatisfactory	Present
25/41	Ordinary ...	Satisfactory ...	Absent
26/41	Ordinary ...	Satisfactory ...	Absent
27/41	Ordinary ...	Unsatisfactory	Present
28/41	Ordinary ...	Unsatisfactory	Present
29/41	Ordinary ...	Satisfactory ...	Absent
30/41	Ordinary ...	Satisfactory ...	Absent
31/41	Accredited ...	Unsatisfactory	Present
32/41	Ordinary ...	Unsatisfactory	Absent
33/41	Ordinary ...	Unsatisfactory	Absent
34/41	Ordinary ...	Satisfactory ...	Absent
35/41	Ordinary ...	Satisfactory ...	Absent
36/41	Ordinary ...	Unsatisfactory	Present
37/41	Ordinary ...	Satisfactory	Absent
38/41	Ordinary ...	Satisfactory	Absent
39/41	Ordinary ...	Satisfactory	Absent
40/41	Ordinary ...	Unsatisfactory	Absent
41/41	Ordinary ...	Unsatisfactory	Absent
42/41	Ordinary ...	Satisfactory ...	Absent
43/41	Ordinary ...	Satisfactory ...	Absent
44/41	Ordinary ...	Satisfactory ...	Absent
45/41	Ordinary ...	Satisfactory ...	Absent
46/41	Ordinary ...	Satisfactory ...	Absent
47/41	Ordinary ...	Unsatisfactory	Present
48/41	Ordinary ...	Unsatisfactory	Absent
49/41	Ordinary ...	Satisfactory ...	Absent
50/41	Ordinary ...	Satisfactory ...	Absent
51/41	Ordinary ...	Satisfactory ...	Absent
52/41	Ordinary ...	Satisfactory ...	Absent
53/41	Ordinary ...	Satisfactory ...	Absent

### **Graded Milks.**

There are three "accredited" herds in the district.

During the year under review, the following licences were issued by the Council under the Milk (Special Designations) Order, 1936:-

One dealer's licence to sell Tuberculin-tested milk.

Two supplementary licences to sell Tuberculin-tested milk.

One dealer's licence to sell Pasteurised milk.

Two supplementary licenses to sell Pasteurised milk.

There are no Pasteurising Plants in this area.

### **Food & Drugs Act, 1938.**

During the year 47 samples of milk were submitted to King's College Laboratory for biological examination for the presence of tubercle, all of which were negative.

### **Meat and Foods.**

As from 15th January, 1940, all slaughtering of animals intended for human consumption was carried out in premises occupied by the Crown. The meat for this area is slaughtered in Newcastle upon Tyne and distributed from a Distributing Depot in the Dunston Area.

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## **Prevalence of, and control over, Infectious Diseases.**

485 cases of Infectious Diseases were notified in the Whickham District during 1941, as compared with 481 in 1940, an increase of 4. Of the total number notified, 390 were cases of Measles (an increase of 122); 22 cases of Scarlet Fever; and 44 cases of Pneumonia.



**SMALLPOX.**

There has been no case notified during 1941.

**DIPHTHERIA.**

43 cases of Diphtheria were notified during the year, and 41 of these were removed to hospital. There were 2 deaths from Diphtheria.

**SCARLET FEVER.**

22 cases of Scarlet Fever were notified during the year, and of these 20 were removed to hospital, and 2 were nursed at home. There were no deaths.

**OPHTHALMIA NEONATORUM.**

3 cases were notified during the year. (1 case in 1940)

**CEREBRO-SPINAL MENINGITIS.**

7 cases were notified and all were removed to hospital. (4 cases in 1940).

**ERYSIPELAS.**

11 cases were notified during the year as compared with 11 cases in 1940.

**PUERPERAL PYREXIA.**

2 cases were notified as compared with none in 1940.

**MEASLES.**

390 cases were notified and none were fatal.

**WHOOPING COUGH.**

18 cases were notified and none were fatal.

**ARTIFICIAL IMMUNISATION.**

(a) Diphtheria prophylaxis was inaugurated in the Whickham area during the year, and met with a ready response from parents.



At December, 1941, 2,294 children had completed the full course of injections, while 299 children had been partially immunised.

(b) I am to record my thanks for the sterling voluntary assistance extended by many members of the A.R.P. Casualty Service throughout the year in connection with this necessary work.

(c) The prophylatic used for immunisation purposes is an Alum Precipitated Toxoid produced by Messrs Burroughs Wellcome & Co.

#### **PNEUMOCOCCAL TYPING.**

There are no local facilities for the Typing of Pneumococci, although such facilities could, no doubt, be made available should the necessity arise.

#### **MEASLES PROPHYLAXIS AND ATTENUATION.**

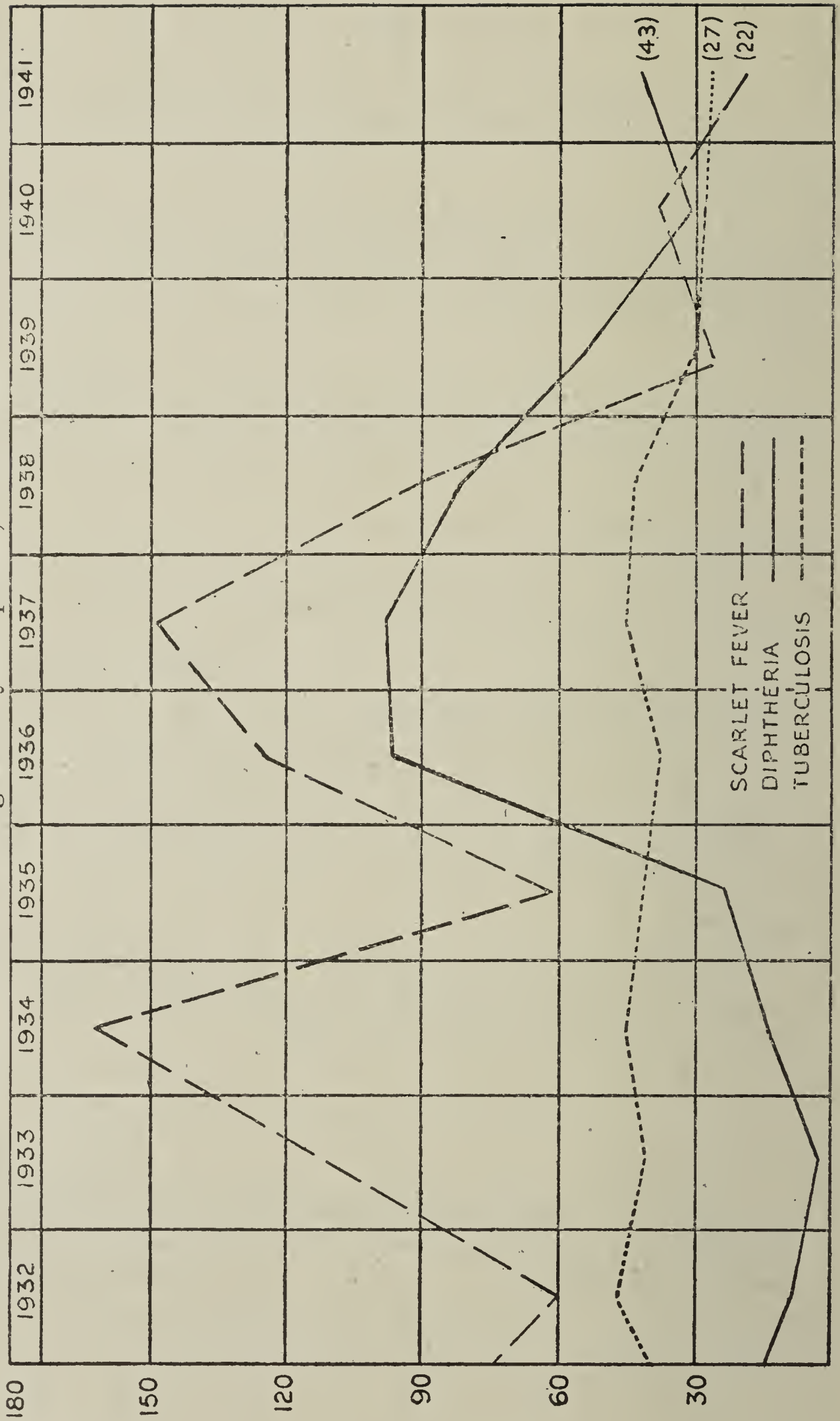
At the present there are no local facilities available for the use of serum for Measles Prophylaxis or Attenuation; this also is a matter which, I have little doubt, could be given consideration should the necessity arise.

#### **TUBERCULOSIS.**

There was no action necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor under section 172 of the Public Health Act, 1936.

The graph on page 27 shews the incidence of Diphtheria, Scarlet Fever and Tuberculosis in the area for the ten years period, 1932 - 1941,

Graph shewing incidence of Diphtheria Scarlet Fever and Tuberculosis in the  
Whickham Area during the 10 years period, 1932 - 1941.



## Notifications of Infectious Diseases during 1941.

DISEASES	Total Cases notified	AGE GROUPS.									Cases admitted to hospital.	Total Deaths
		Under 1 year	1-5 years	5-10 years	10-15 years	15-25 years	25-35 years	35-45 years	45-65 years	65 and over		
Smallpox ... ..	—											
Scarlet Fever ... ..	22		9	6	3	3		1			20	
Diphtheria ... ..	43	1	17	9	7	8	1				41	2
Enteric (Paratyphoid) ... ..	—											
Puerperal Fever ... ..	—											
Puerperal Pyrexia ... ..	2						2					
Erysipelas ... ..	11		1				1	2	7			
Measles ... ..	390	26	213	146	1	3		1				
German Measles ... ..	35		7	28								
Pneumonia ... ..	44	5	10	7	2	3	1	6	10		1	
Acute Poliomyelitis... ..	1				1						1	
Encephalitis Lethargica ... ..	—											
Whooping Cough ... ..	18		14	3	1							
Cerebro Spinal Fever ... ..	7	1	1	1		2	2				7	
Dysentery ... ..	9		1	4	1	1	2				5	
Ophthalmia Neonatorum ... ..	3	3										
	585	36	273	205	16	20	9	10	17		76	2

## Notifications of Infectious Diseases during 1941.

Diseases.	Totals	MONTHS.												WARDS			
		Jan'y	Feb'y	March	April	May	June	July	Aug't	Sept.	Oct'er	Nov'r	Dec'r	Dunston	Wh'kam & Sunnside	Swalwell	Mar. Hill
Smallpox ... ..	—																
Scarlet Fever ... ..	22	3	1	2			2	2	1	2	1	3	5	13	15	1	3
Diphtheria ... ..	43	7			4	1	3	4	3	2	3	7	9	13	11	15	4
Enteric (Paratyph'd) ... ..	—																
Puerperal Fever ... ..	—																
Puerperal Pyrexia ... ..	2		1										1	2			
Erysipelas ... ..	11	1	2	1		1	1			2	2	1		7	1	2	1
Measles ... ..	390	47	22	68	48	108	53	24	2	4	4	3	7	315	64	6	5
German Measles ... ..	35					2	6	25	2					1	34		
Pneumonia ... ..	44	7	12	7	4	4	4	3			2		1	23	16	2	3
Acute Poliomyelitis ... ..	1							1						1			
Encephalitis Leth'ca ... ..	—																
Whooping Cough ... ..	18			1	1		1	1	1	2	6	4	1	5	9	2	2
Cerebro-spin. Men... ..	7	1					1	1	2	1		1		3	3		1
Dysentery ... ..	9	7								2					9		
Ophthalmia Neon'um ... ..	3						1				2					3	
	585	73	38	79	57	116	72	61	11	15	20	19	24	383	152	31	19



## Tuberculosis.

New Cases and Mortality during 1941.

Age Periods	New Cases.				Deaths.			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 yr.	—	—	—	—	—	—	—	—
1 — 5	—	—	1	—	—	—	—	—
5 — 15	—	2	1	1	—	1	—	1
15 — 25	4	4	3	1	2	2	—	—
25 — 35	1	3	—	—	2	1	—	—
35 — 45	5	—	1	—	4	—	1	—
45 — 55	2	—	—	—	3	—	—	—
55 — 65	—	1	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	2	—
	12	10	6	2	11	4	3	1

Sex	No. of cases of Tuberculosis on Register at commencement of year.		No. of cases of Tuberculosis on Register at end of year.	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
Male ...	90	92	95	89
Female ...	61	90	65	86
Total	151	182	160	175

### Removals from Register.

Reasons.	Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.
Died ... ..	11	4	3	1
Diagnosis not confirmed	1	—	—	1
Removed from district ...	2	1	3	—
Recovered ... ..	—	—	1	3
	14	5	7	5



## Cases notified during 1941.

	Total	Dunston	Whic'ham	Mar. Hill	Swalwell
Respiratory ... ..	20	10	4	3	3
Non-Respiratory ...	8	5	2	—	1
Total ... ..	28	15	6	3	4



